

Recombinant *Bacillus Thuringiensis* Subsp. *Morrisoni* CRY1FB Protein (984-1159 aa), His-tagged

Cat. No. CRY1FB-1646P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Bacillus Thuringiensis</i> Subsp. <i>Morrisoni</i> CRY1FB Protein (984-1159 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Partial.
Species	<i>Bacillus thuringiensis</i>
Source	Yeast
ProteinLength	984-1159 aa
Description	Promotes colloidosmotic lysis by binding to the midgut epithelial cells of insects.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	21.6 kDa
AA Sequence	VKGHVDVVEEQNNHRSVLVPEWEAEVSQEV RVCPGRGYILRV TAYKEGYGEGCVTI HEVDNNTDELKFSSNCEKEQVYPGNTVACNDYNKNHGANACSSRNGGYDESYES NSSIPADYAPVYEEEEAYTDGQRGNPCEFNRGHTPLPAGYVTAELEYFPETDTVWVEI GETEGTFIV
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4

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centigrade for up to one week.

Storage

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration

A hardcopy of COA with reconstitution instruction is sent along with the products.

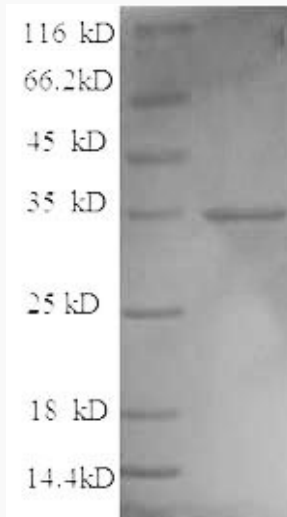
GENE INFORMATION

Synonyms

cry1Fb; 132 kDa crystal protein Crystalline entomocidal protoxin Insecticidal delta-endotoxin CryIF(b);

UniProt ID

[O66377](#)



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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